

12-27-2002



To the Honorable Commissioner of Patents

original documents or copy thereof.

102323672

1. Name of conveying party(ies):

Cornelis Johannes Leenhouts  
Ranjan Ramasamy  
Anton Steen  
Jan Kok  
Girbe Buist  
Oscar Paul Kuipers

2. Name and address of receiving party(ies)

Name: Applied Nanosystems B.V.

Address: Ubbo Emmiusingel 37, 9711 BC  
Groningen, The Netherlands

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: December 9, 2002

CERTIFICATE OF MAILING

Express Mail Label Number: EV209823296US

Date of Deposit: December 13, 2002

Person Making Deposit: Matthew Wooton

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 9, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: TraskBritt

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 2550

City: Salt Lake City State: UT Zip: 84110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

20-1469

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

Attorney Docket No.: 2183-5546US

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Andrew F. Nilles

Name of Person Signing  
Reg. No. 47,825

Andrew F. Nilles  
Signature

December 13, 2002  
Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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PATENT  
REEL: 013603 FRAME: 0207

10/31/02  
JC028 U.S. PTO

12/13/02

Attorney Docket No. 2183-5546US

### ASSIGNMENT

**FOR GOOD AND VALUABLE CONSIDERATION**, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

**SELL, ASSIGN AND TRANSFER** to APPLIED NANOSYSTEMS B.V. ("ASSIGNEE"), a corporation of The Netherlands having a place of business at Ubbo Emmiusingel 37, 9711 BC Groningen, The Netherlands, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent filed concurrently herewith (or ASSIGNOR(S) do(es) hereby authorize and request attorneys, TraskBritt, PC of P.O. Box 2550, Salt Lake City, Utah 84110, to insert here in parenthesis (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known) and entitled **BACTERIAL GHOSTS PROVIDED WITH ANTIGENS**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

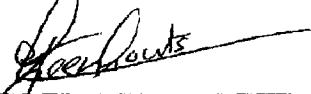
**AUTHORIZE** the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

**AUTHORIZE AND REQUEST** the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

**WARRANT AND COVENANT** that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;


**COVENANT**, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

**AGREE AND ACKNOWLEDGE** that the **SALE, ASSIGNMENT AND TRANSFER** of rights and property set forth herein is and shall be **IRREVOCABLE** and **BINDING** upon the heirs, assigns, representatives and successors of each undersigned **ASSIGNOR** and **EXTEND** to the successors, assigns and nominees of the **ASSIGNEE**.

**ASSIGNORS:**


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Date 09 Dec 2002


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Date 09 Dec 2002

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Date 09 Dec 2002

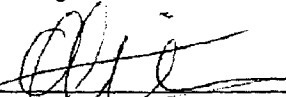
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